## **IAP3 Rec'd PCT/PT0** 1 1 JAN 21

PTO-1390 (Rev. 07-2005) Approved for use through 3/31/2007. OMB 0651-0021 U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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### ATTORNEY'S DOCKET NUMBER TRANSMITTAL LETTER TO THE UNITED STATES D5463 **DESIGNATED/ELECTED OFFICE (DO/EO/US)**

ATTION NO (INKROWIT, see **CONCERNING A SUBMISSION UNDER 35 U.S.C. 371** INTERNATIONAL APPLICATION NO. PCT/BR2004/000140 PRIORITY DATE CLAIMED 06 August 2003 INTERNATIONAL FILING DATE 04 August 2004 TITLE OF INVENTION
An Internal Combustion Engine And An Engine Head APPLICANT(S) FOR DO/EO/US Roberto Tadeu Minetto, International Engines South America Ltda. Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. The US has been elected (Article 31). A copy of the International Application as filed (35 U.S.C. 371(c)(2)) is attached hereto (required only if not communicated by the International Bureau). has been communicated by the International Bureau. is not required, as the application was filed in the United States Receiving Office (RO/US). An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). is attached hereto. has been previously submitted under 35 U.S.C. 154(d)(4). 7 🗸 Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) are attached hereto (required only if not communicated by the International Bureau). have been communicated by the International Bureau. have not been made; however, the time limit for making such amendments has NOT expired. have not been made and will not be made. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 20 below concern document(s) or information included: An Information Disclosure Statement under 37 CFR 1.97 and 1.98. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. A preliminary amendment. An Application Data Sheet under 37 CFR 1.76.

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.

A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

A second copy of the published International Application under 35 U.S.C. 154(d)(4).

A substitute specification.

A power of attorney and/or change of address letter.

# IAP20 Rec'd POLYFIO 11 JAN 2006

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U.S. APPLICATION NO. (if known, see 37 CFR 1.5)			INTERNATIONAL AF	INTERNATIONAL APPLICATION NO. ATTORNEY'S DOCKET NUM		KET NUMBER	
10/564250			PCT/BR2004/000140		D5463		
20. Other items or information:							
The followin	a foos have h	CALCULATIONS	PTO USE ONLY				
The following fees have been submitted  21.   Basic national fee (37 CFR 1.492(a))				\$300	\$	F 10 03E ONE	
		300.00					
If the written opinion	ndicates all cl	\$ 0.00					
23. Search fee (37 CFR 1.492(b))  If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)\$0  Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority					\$ 400.00		
TOTAL OF 21, 22 and 23 =							
	ting in complia edium) (37 CF						
Total Sheets Ex			additional 50 or fraction RATE up to a whole number)				
- 100 =	/50 =			x \$250	\$		
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).							
CLAIMS	NUME	ER FILED	NUMBER EXTRA	RATE	\$		
Total claims	8	- 20 =	0	x \$ 50	\$ 0.00		
Independent claims 2 -3 =		0	× \$200	\$ 0.00			
MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360					\$		
TOTAL OF ABOVE CALCULATIONS =					\$		
Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.							
		\$ 0.00					
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).							
		\$					
Fee for recording the by an appropriate co		\$					
TOTAL FEES ENCLOSED = \$ 7							
		-			Amount to be refunded:	\$	
					Amount to be charged	\$	

10/564250 10/564250

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a. A check in the amount of \$	AP20 Rec'd FCT/PTO 11 JAN 2006 to cover the above fees is enclosed.						
b. Please charge my Deposit Account No. 14-0603 A duplicate copy of this sheet is enclosed.	in the amount of \$ 700.00 to cover the above fees.						
The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-0603 A duplicate copy of this sheet is enclosed.							
Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should no be included on this form. Provide credit card information and authorization on PTO-2038.							
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.							
SEND ALL CORRESPONDENCE TO:	Den KALL						
Dennis Kelly Sullivan International Engine Intellectual Property	SIGNATURE  Dennis Kelly Sullivan						
Company, LLC	NAME						
4201 Winfield Rd. Warrenville, IL 60555	26,510						
, 1 <u> </u>	REGISTRATION NUMBER						
100000							

### CERTIFICATE OF MAILING BY "EXPRESS MAIL"

"EXPRESS MAIL" mailing label number: EV 709696874 US DATE OF DEPOSIT: January 11, 2006

I hereby certify that this Patent Application is being deposited with the United States Postal Service "EXPRESS MAIL POST OFFICE TO ADDRESSEE" service under 37 CFR 1.10 on the date indicated above and is addressed to: Mail Stop PCT, COMMISSIONER

FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450.

Cathi Majewski

### ITEMS ENCLOSED:

- 1. Transmittal Letter To The United States Designated/Elected Office (DO/EO/US) Concerning A Submission Under 35 U.S.C. 371
- 2. WIPO Publication
- 3. Second And Supplementary Notice Informing The Applicant Of The Communication Of The International Application
- 4. Signed Declaration
- 5. Power of Attorney